

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004833.D
 Acq On : 28 Sep 2018 20:32
 Operator : JC/MD
 Sample : J5148-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-1

Quant Time: Oct 01 13:06:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

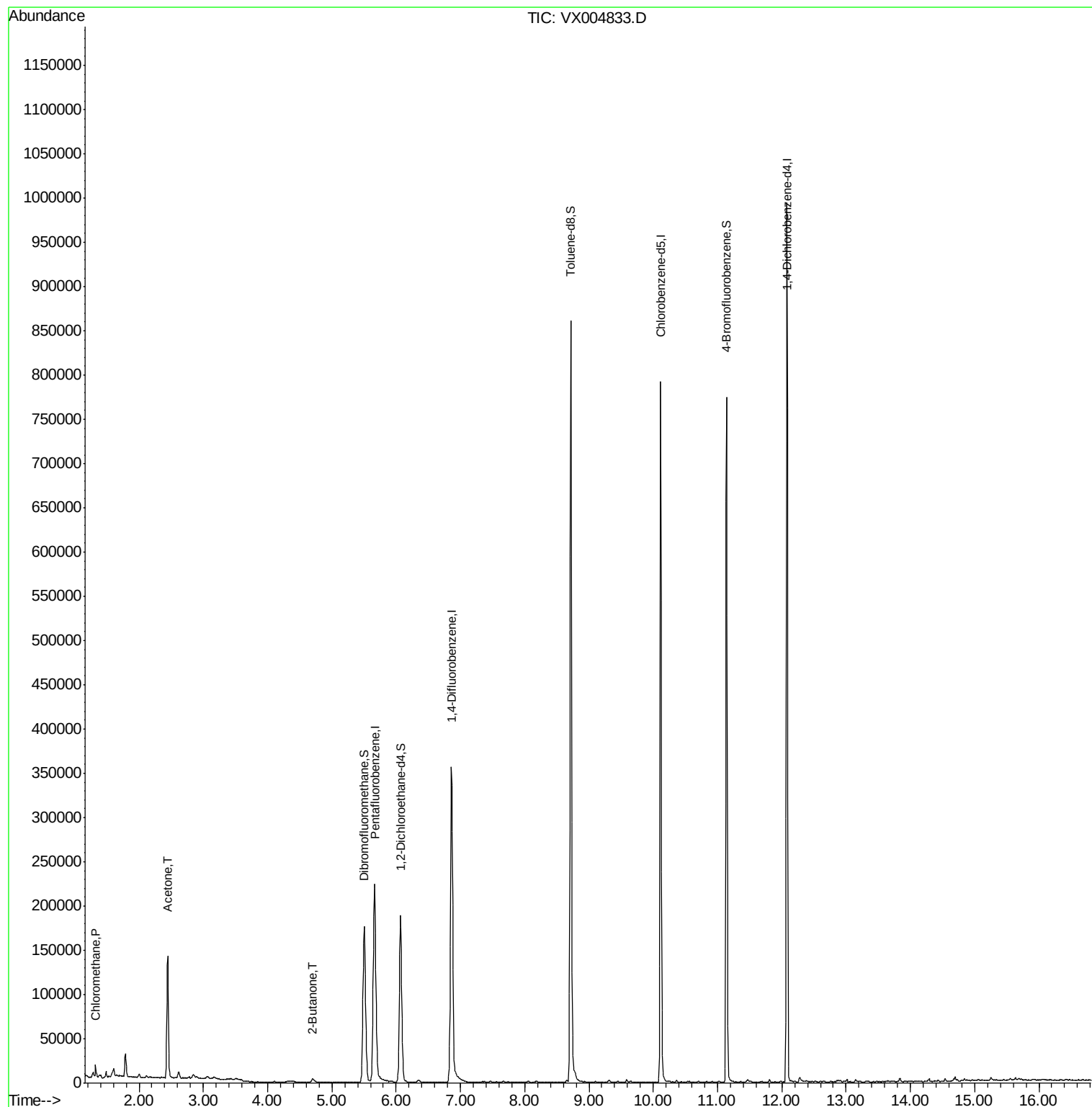
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180867	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
35) Dibromofluoromethane	5.50	113	149918	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	8.71	98	546407	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.14	95	195994	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
Target Compounds						
3) Chloromethane	1.32	50	8922	2.317	ug/l	99
16) Acetone	2.45	43	146330	75.382	ug/l	96
25) 2-Butanone	4.71	43	7556	2.641	ug/l	90

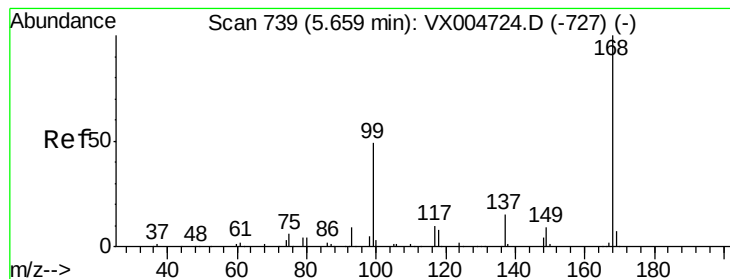
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004833.D

Acq: 28 Sep 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

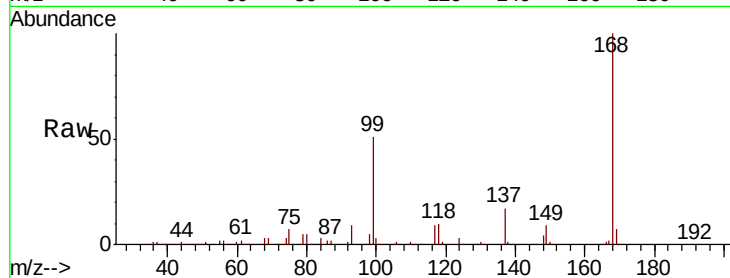
WS-1

Tot Ion:168 Resp: 232760

Ion Ratio Lower Upper

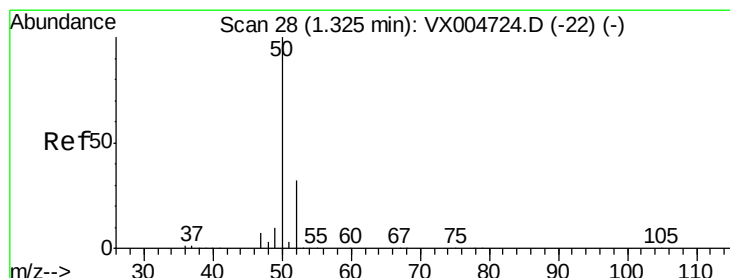
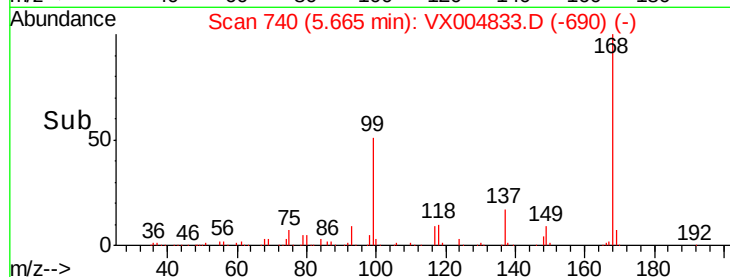
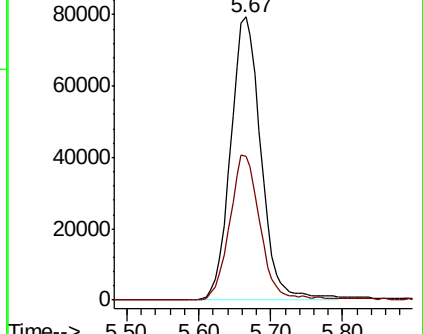
168 100

99 51.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 2.317 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004833.D

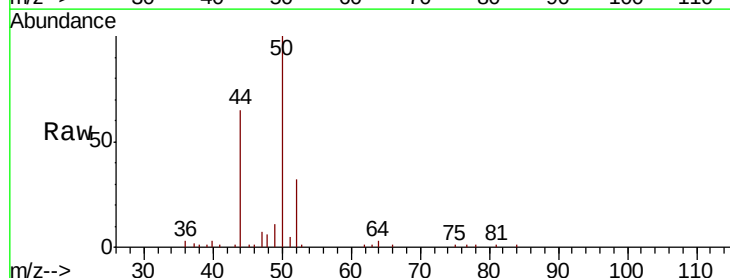
Acq: 28 Sep 2018 20:32

Tgt Ion: 50 Resp: 8922

Ion Ratio Lower Upper

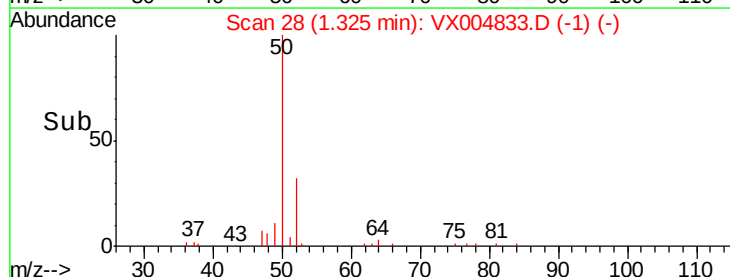
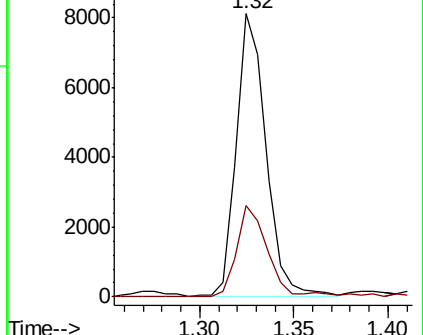
50 100

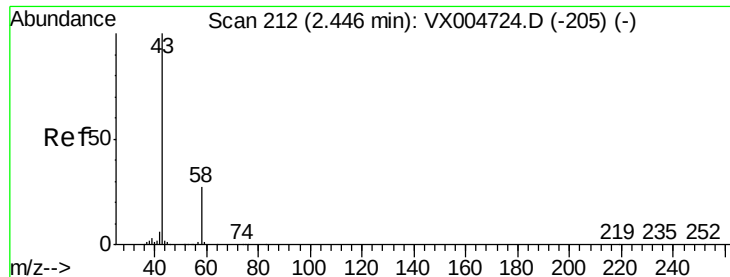
52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 75.382 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004833.D

Acq: 28 Sep 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

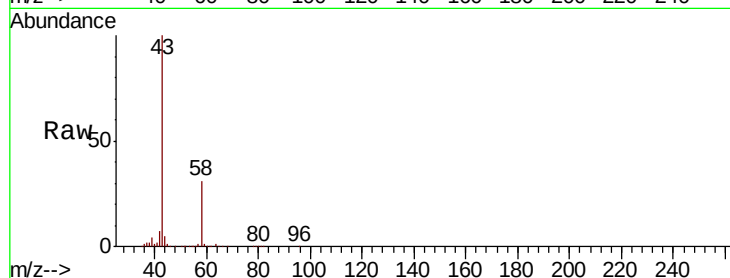
WS-1

Tot Ion: 43 Resp: 146330

Ion Ratio Lower Upper

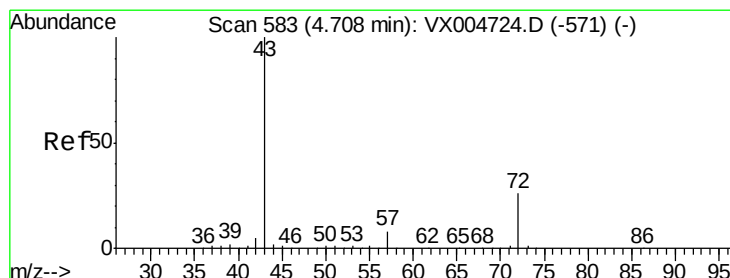
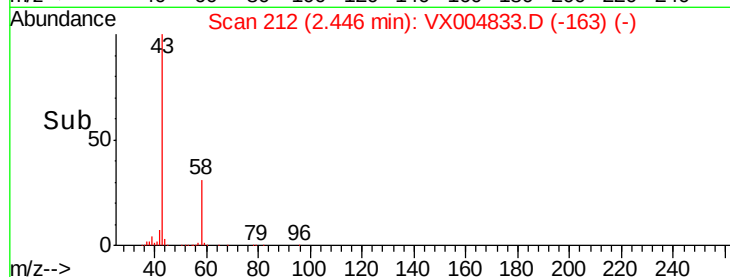
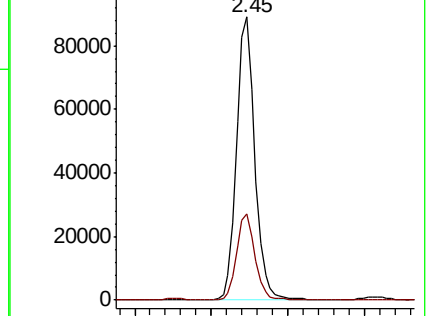
43 100

58 30.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 2.641 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004833.D

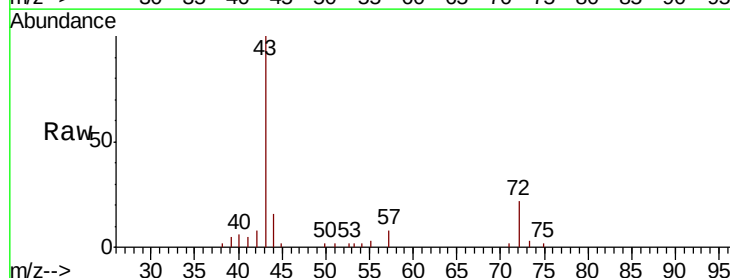
Acq: 28 Sep 2018 20:32

Tgt Ion: 43 Resp: 7556

Ion Ratio Lower Upper

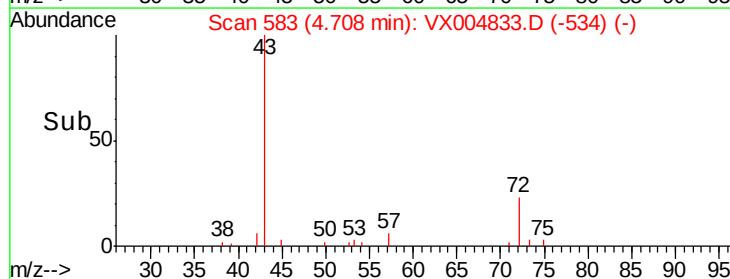
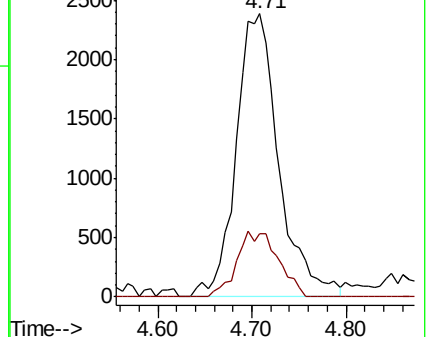
43 100

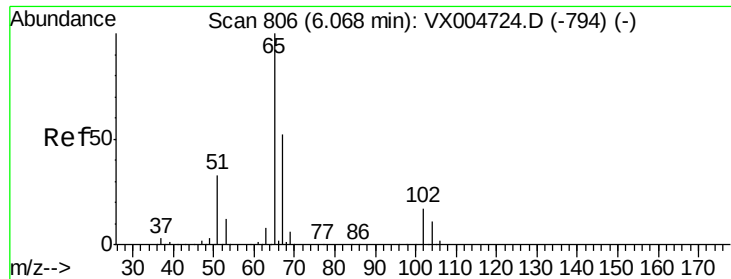
72 22.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

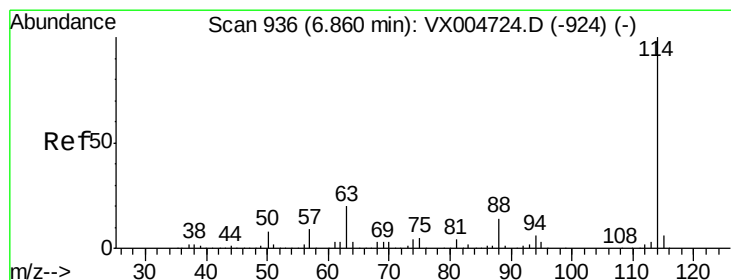
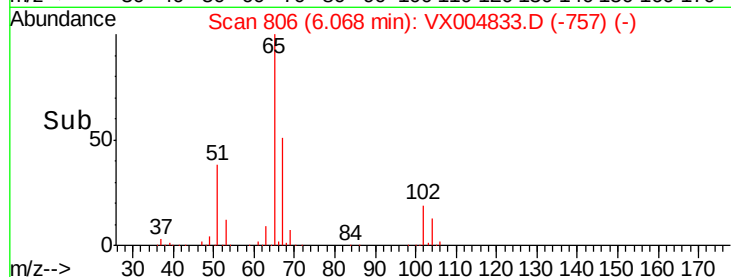
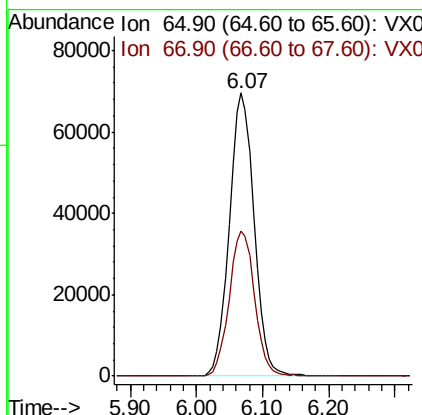
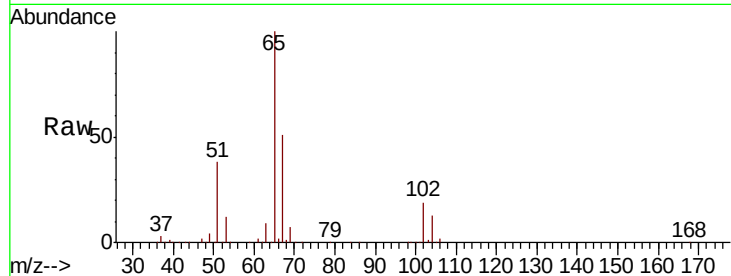




#33
 1,2-Dichloroethane-d4
 Concen: 54.396 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004833.D
 Acq: 28 Sep 2018 20:32

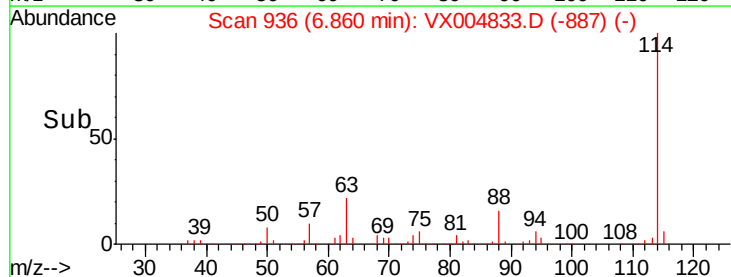
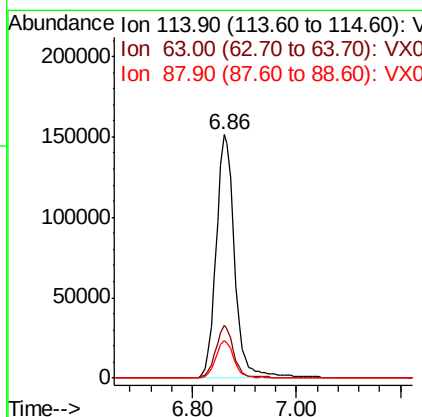
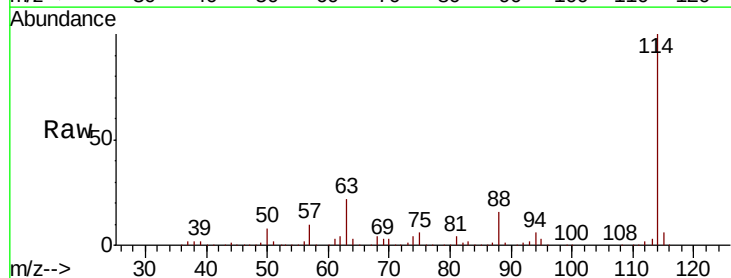
Instrument :
 MSVOA_X
 ClientSampleId :
 WS-1

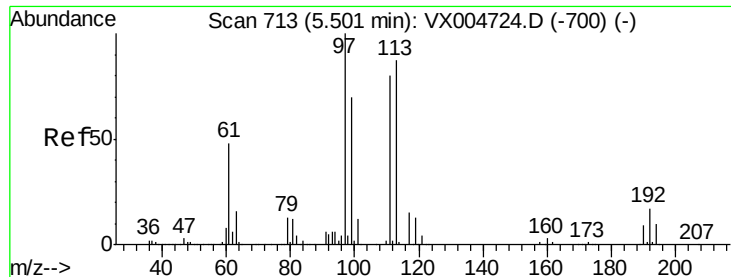
Tot Ion: 65 Resp: 180867
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004833.D
 Acq: 28 Sep 2018 20:32

Tgt Ion: 114 Resp: 377726
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.0
 88 15.6 0.0 30.4

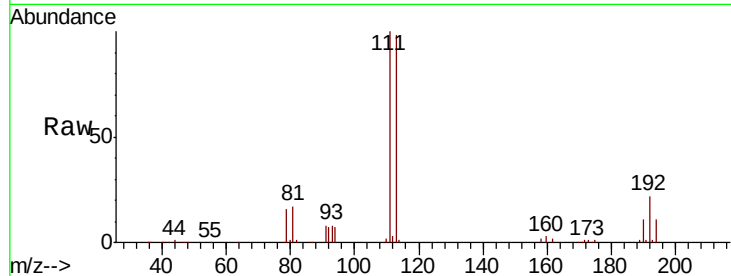




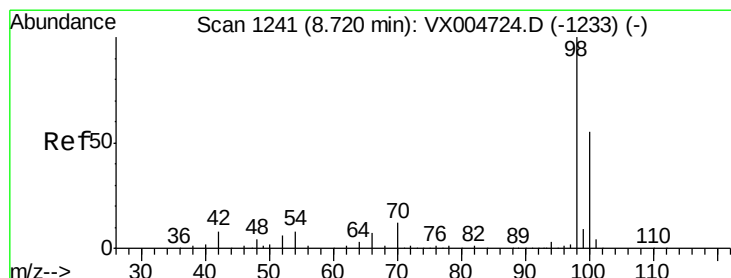
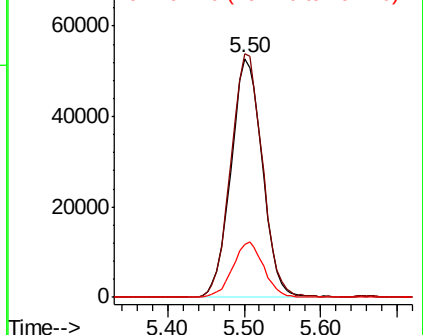
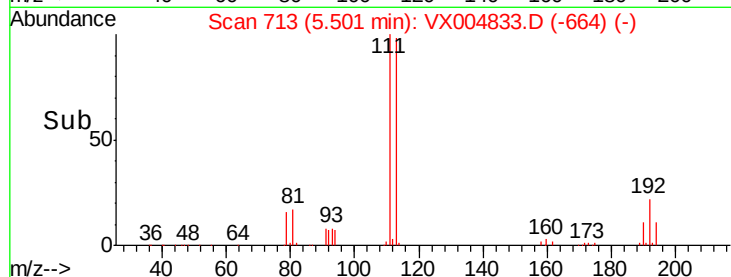
#35
 Dibromofluoromethane
 Concen: 46.831 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004833.D
 Acq: 28 Sep 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	22.7	19.4	29.2

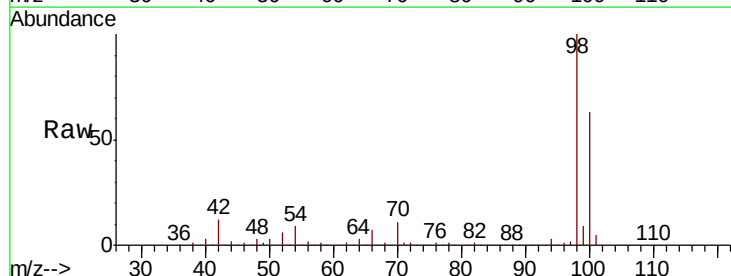


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

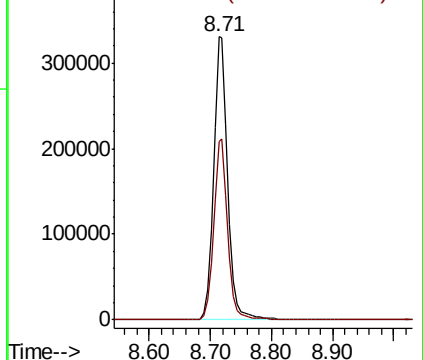
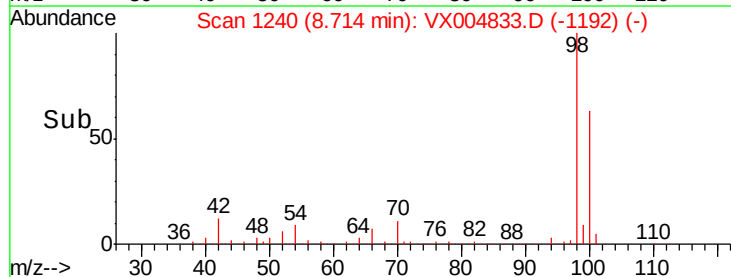


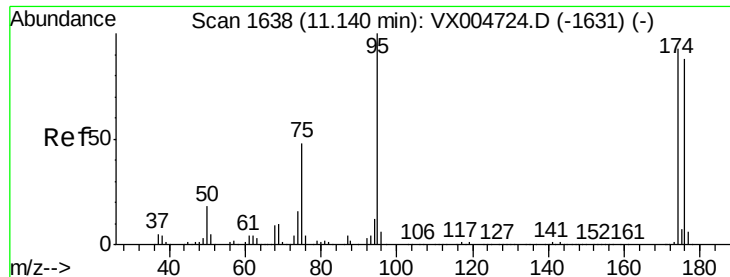
#50
 Toluene-d8
 Concen: 51.341 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004833.D
 Acq: 28 Sep 2018 20:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

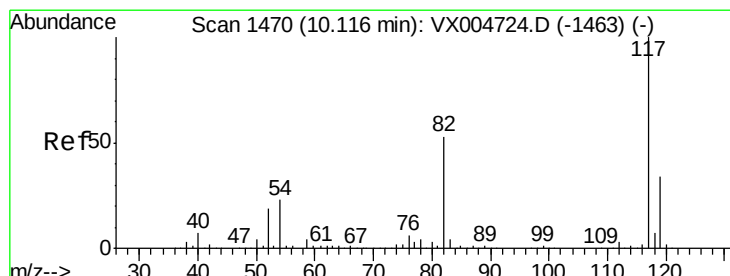
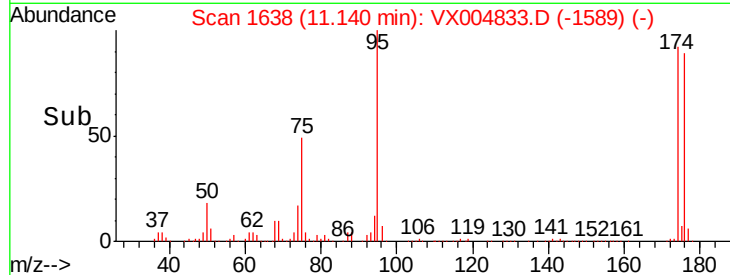
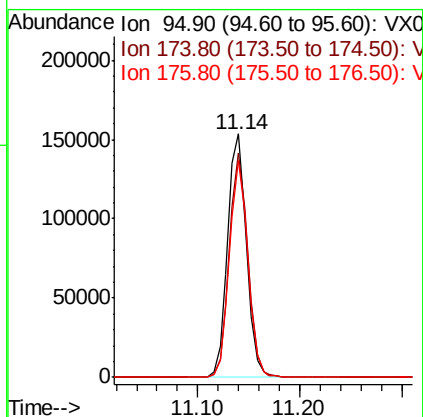
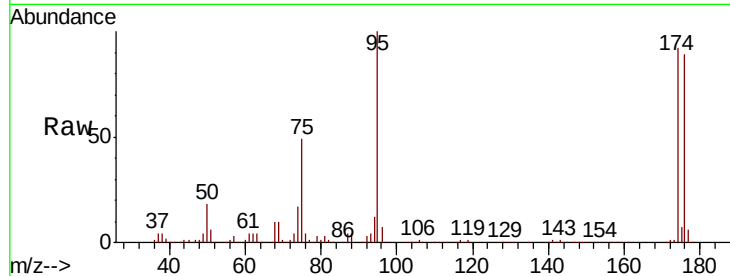




#62
4-Bromofluorobenzene
Concen: 51.119 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004833.D
Acq: 28 Sep 2018 20:32

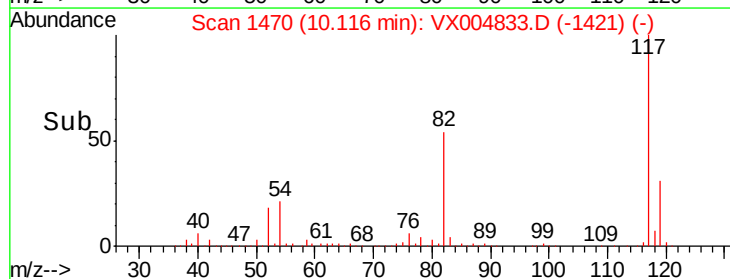
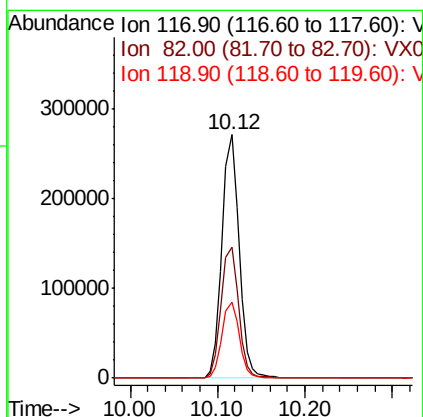
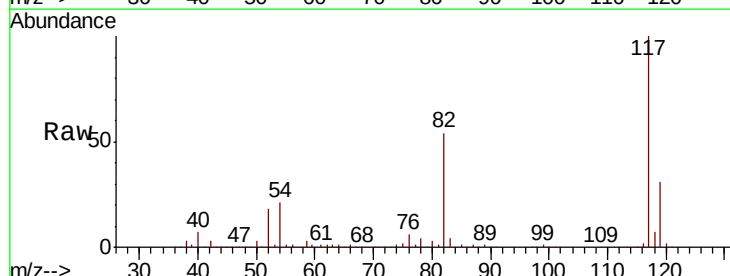
Instrument :
MSVOA_X
ClientSampleId :
WS-1

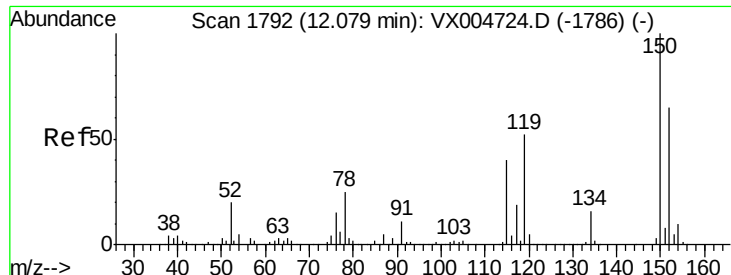
Tot Ion	95	Resp	195994
Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	185.2
176	87.2	0.0	178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004833.D
Acq: 28 Sep 2018 20:32

Tgt Ion	117	Resp	368074
Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.8	71.6
119	31.5	29.3	43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004833.D

Acq: 28 Sep 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

WS-1

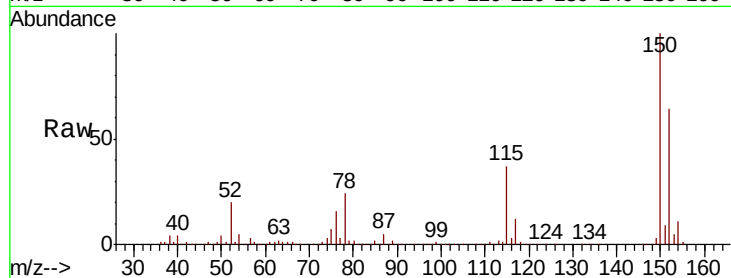
Tot Ion:152 Resp: 202486

Ion Ratio Lower Upper

152 100

115 56.6 39.0 117.0

150 157.3 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

